AMENDMENTS TO THE CLAIMS

The following claim set replaces all prior versions, and listings, of claims in the application:

1. (currently amended) A method for cooling an internal combustion engine, comprising allowing a cooling liquid which comprises nonionic corrosion inhibitors ~~being allowed~~ to circulate in a cooling circulation in thermal contact with the internal combustion engine, and at least intermittently deionizing the cooling liquid ~~being at least intermittently deionized~~.

2. (currently amended) A method as claimed in ~~claim 2~~ claim 1, wherein the cooling liquid ~~used~~ is an aqueous coolant composition which comprises from 10 to 90% by weight of a coolant concentrate based on alkylene glycols or derivatives thereof or on glycerol, the coolant concentrate containing from 0.05 to 10% by weight, based on the total amount of concentrate, of one or more carboxamides and/or sulfonamides, if required in addition to further nonionic components.

3. (previously presented) A method as claimed in claim 1, wherein the cooling liquid is deionized by means of at least one ion exchanger.

4. (previously presented) A method as claimed in claim 1, wherein the cooling liquid is deionized by means of a liquid deionizing agent.

5. (previously presented) A method as claimed in claim 1, wherein the cooling liquid is deionized electrochemically.

6. (currently amended) A liquid-cooled fuel-burning engine unit comprising an internal combustion engine, ~~(11) and~~ at least one cooling circulation ~~(14)~~ having a cooling liquid which comprises nonionic corrosion inhibitors, and at least one deionizing means ~~(28)~~ for the cooling liquid which is ~~being~~ arranged in said cooling circulation ~~(14), the latter~~ and being in thermal contact with at least a section of the internal combustion engine ~~(11) at least in a section~~.

7. (currently amended) Fuel-burning engine as claimed in claim 6, wherein the deionizing means ~~(28)~~ comprises at least one ion exchanger~~, preferably a mixed-bed resin ion exchanger~~.

8. (currently amended) Fuel-burning engine as claimed in claim 6, wherein the deionizing means ~~(28) is in the form of~~ comprises a contact cell in which a liquid deionizing agent can act on the cooling liquid.

9. (currently amended) Fuel-burning engine as claimed in claim 6, wherein the deionizing means ~~(28)~~ comprises at least one electrodialysis cell.

10. (original) Fuel-burning engine as claimed in claim 9, wherein the electrodialysis cell comprises an ion exchanger.

11. (new) Fuel-burning engine as in claim 7, wherein the at least one ion exchanger comprises a mixed bed resin ion exchanger.

12. (new) Fuel-burning engine as in claim 6, wherein the engine is constructed at least partly from magnesium or magnesium alloys.

13. (new) A method as claimed in claim 1, wherein the engine is constructed at least partly from magnesium or magnesium alloys.